

Amendments to the Specification:

Please replace the paragraph [0005] with the following amended paragraph:

[0005] The present invention in a further preferred embodiment, among others, includes a storable forearm support and mouse pad device to be attached to a workstation desk next to a computer keyboard. The device supports the forearm of the computer user as well as the computer mouse and comprises a support clamp, a support structure comprising three sturdy ~~shaftarm~~s, a mouse pad, and a forearm rest. The support clamp is specifically designed to enable the user to easily attach and secure the storable forearm support and mouse pad to the workstation desk and to support the weight of the mouse, and the user's forearm, wrist, and hand. The mouse pad is directly attached to the top side of the first support ~~shaftarm~~, or the mouse pad support ~~shaftarm~~, which is rotationally connected at one end to the support clamp and at the opposite end to the second support ~~shaftarm~~, or the central support ~~shaftarm~~. The connection between the mouse pad support ~~shaftarm~~ and the support clamp is designed to allow full 360 degree rotation around the first swivel joint, or the support clamp swivel joint, with enough clearance from the lower surface of the workstation desk to enable the entire storable forearm support and mouse pad assembly to be stored neatly under the workstation desk while still attached to the desk when it is not in use. The connection between the mouse pad support ~~shaftarm~~ and the central support ~~shaftarm~~ is designed to allow approximately 180 degrees of rotation around the second swivel joint, or the central swivel joint, to enable the flexible lateral positioning of the forearm rest with respect to the mouse pad for the optimal comfort of the user. The opposite end of the central support ~~shaftarm~~ is rotationally interconnected to the third support ~~shaftarm~~, or the forearm support ~~shaftarm~~. The connection between the central support ~~shaftarm~~ and the forearm support ~~shaftarm~~ is designed to allow full 360 degree rotation around the third swivel joint, or the forearm swivel joint, with enough clearance from the top surface of the central support ~~shaftarm~~ and the mouse pad to allow the forearm rest to rotate a full 360 degrees allowing the user to adjust the forearm rest to any angle for optimal comfort in using either the keyboard, or the mouse, or any other hand-operated device, or any combination of devices. The forearm rest is attached directly to the top surface of the forearm support ~~shaftarm~~. The top surface of the mouse pad may be made of a textured material to enable the use of a typical computer mouse. The top surface of the forearm rest may be made of a soft or padded material to provide comfort to the user's forearm during operation. The storable forearm support and mouse pad allows the user to operate the mouse, keyboard, other hand-held devices, or a combination of the aforementioned devices simultaneously, and for transitioning between the operation of any combination of such devices, either while leaning back in

the chair for more relaxed workstation activities or while leaning forward in the chair for more intensive workstation activities.

Please replace the paragraph [0011] with the following amended paragraph:

[0011] Fig. 2 is a perspective view of the support clamp portion of the arm support with pad of Fig. 1. The figure includes the main structure of the support clamp, the sturdy adjustment ~~shaft~~arm, the adjustment bolt and the post that connects the support clamp to the mouse pad support ~~shaft~~arm. The figure also includes a partial view of the mouse pad support ~~shaft~~arm.

Please replace the paragraph [0016] with the following amended paragraph:

[0016] Fig. 5(a) is a perspective view of the support structure portion of the arm support with pad of Fig 1. The figure includes the sturdy ~~shaft~~arm, adjustment bolt and the post that connects the support structure to the support clamp.

Please replace the paragraph [0018] with the following amended paragraph:

[0018] The present invention preferably comprises three major components [Fig. 1,4(b),2], a support clamp 34 comprised of elements 1, 3, 7-9, and 28-33, a pad 15, and a forearm rest 14, that are interconnected by a supporting structure. An optional basket - 16, attached to the pad 15, is available for storage of for example, a mouse when it is not being used.

Please replace the paragraph [0019] with the following amended paragraph:

[0019] The support clamp ~~1-3-7-9-28-33~~34 [Fig. 2,4(a)] may comprise a main clamp element 35 composed of elements 1, 28, and 29 that positions the clamp at the top surface 18 and front edge 20 of a workstation desk ~~18-2042~~ and supports the other elements of the support clamp ~~1-3-7-9-28-33~~34, which comprises a sturdy adjustment ~~shaft~~arm 3 that is connected to a main clamp element ~~1-28-29~~35 by a pivoting arm 36 comprising elements 31-33, a screw nut 7 that fastens the pivoting arm against a lower surface 19 of a workstation desk ~~18-2042~~, an adjustment bolt 8 that adjusts the gap between the top surface of the adjustment bolt 8 and a bottom surface 2 of the main clamp element ~~1-28-29~~35 to match the thickness of the workstation desk ~~18-2042~~, and an alignment post 9 that connects the support clamp ~~1-3-7-9-28-33~~34 to a corresponding rotating cylinder 12 on a pad support ~~shaft~~arm 11.

Please replace the paragraph [0020] with the following amended paragraph:

[0020] The main clamp element ~~1-28-2935~~ [Fig. 2] may comprise an ~~L-shaped bar~~ large bracket 1 which may be welded to ~~angled small~~ bracket 28 with protruding threaded cylinder 29 to form a partial C-shaped structure that is positioned against the top surface 18 and front edge 20 of the workstation desk ~~18-2042~~ [Fig. 4(a)].

Please replace the paragraph [0021] with the following amended paragraph:

[0021] A second element of the support clamp ~~1-3-7-9-28-3334~~, the adjustment ~~shaft~~ clamp element ~~3-8-937~~ may comprise an adjustment ~~shaftarm~~ 3, an adjustment bolt 8, and an alignment post 9 that connects the support clamp to the pad support ~~shaftarm~~ - 11. The rotating cylinder 12 may be welded to the top surface of the pad support ~~shaftarm~~ 11 such that the circular hole in the rotating cylinder 12 and the circular hole in the pad support ~~shaftarm~~ 11 are aligned. The upper portion of the alignment post 9 may be inserted in the vertical unthreaded circular hole in the adjustment ~~shaftarm~~ 3. The lower portion of the alignment post 9 may be inserted through the circular holes in the rotating cylinder 12, the pad support ~~shaftarm~~ 11. A spring clamp 13 may be used to hold the rotating cylinder 12 and pad support ~~shaftarm~~ 11, and the alignment post 9 together while allowing the rotating cylinder 12 and pad support ~~shaftarm~~ 11 to rotate freely around the longitudinal axis of the alignment post 9.

Please replace the paragraph [0022] with the following amended paragraph:

[0022] The pivoting arm ~~31-3336~~ [Fig. 2] may comprise two supporting curved ~~shaftarms~~ - 33 rotationally attached to a U-shaped element 31, and a threaded bolt 32. The main clamp element ~~1-28-2935~~ [Fig. 2] may be attached to the adjustment clamp element ~~3-8-937~~ by simultaneously aligning the horizontal circular hole in the adjustment ~~shaftarm~~ - 3 to the horizontal circular hole at the top end of the alignment post 9. The support clamp ~~1-3-7-9-28-33-34~~ is integral to the flexibility of operation and the structural robustness of the present invention. The design of the clamp provides stable and consistent support over all 360 degrees of rotation around the clamp swivel joint 38 created by the alignment post 9, ~~and the corresponding rotating cylinder 12, and spring clamp 13.~~

Please replace the paragraph [0023] with the following amended paragraph:

[0023] Assembly of the support clamp ~~1-3-7-9-28-33-34~~ [Fig. 2] may be completed by screwing the adjustment bolt 8 into the vertical threaded hole in the adjustment ~~shaftarm~~ 3 such that the circular top of the adjustment bolt 8 is on the top side of the

adjustment ~~shaft~~arm 3 between the adjustment ~~shaft~~arm 3 and the bottom surface 2 of the main clamp element 1.

Please replace the paragraph [0024] with the following amended paragraph:

[0024] The support clamp ~~1-3-7-9-28-33-34~~ may be attached to the workstation desk ~~18-2042~~ [Fig. 4(a)] by placing the support clamp ~~1-3-7-9-28-33-34~~ on the workstation desk ~~18-2042~~ such that the bottom surface 2 of the main clamp element 1 is adjacent to the top surface 18 of the workstation desk ~~18-2042~~, the vertical inner surface 4 of the main clamp element 1 is adjacent to the front edge 20 of the workstation desk ~~18-2042~~, and the top of the adjustment bolt 8 is adjacent to the bottom surface 19 of the workstation desk ~~18-2042~~.

Please replace the paragraph [0025] with the following amended paragraph:

[0025] The support clamp ~~1-3-7-9-28-33-34~~ may be adjusted and affixed to the workstation desk by adjusting the adjustment bolt 8 to fit the thickness of the workstation desk ~~18-2042~~ [Fig. 4(a)], then tightening the screw nut 7 to put pressure against the pivoting arm ~~31-3336~~ such that the pivoting arm ~~31-3336~~ pushes against the bottom surface - 19 of the workstation desk ~~18-2042~~, and then tightening the adjustment bolt 8 against said bottom surface 19. The downward force created by the weight of the design and the forearm of the user is distributed around three pressure points on the clamp, the main clamp element ~~1-28-2935~~, the pivoting arm ~~31-3336~~, and the adjustment fastener 8. The three points work to create an axis of rotation around their center that creates a self-locking mechanism, which increases the grasp of the clamp as more downward force is applied to Mouse-at-Ease.

Please replace the paragraph [0026] with the following amended paragraph:

[0026] The firmness of the support clamp's grasp on the workstation desk ~~18-2042~~ is enabled by the self-locking mechanism described above, enabling the user to securely fasten the supporting clamp ~~1-3-7-9-28-33-34~~ to the workstation desk ~~18-2042~~ without excessive tightening of the screw nut 7 and ~~fastening-adjustment~~ bolt 7 8, thus making it very easy to mount, dismount, and laterally position the design on the workstation desk ~~18-2042~~.

Please replace the paragraph [0027] with the following amended paragraph:

[0027] Because the present invention is designed to support significant weight, large forces are exerted on the support clamp ~~1-3-7-9-28-33-34~~ at maximum load. The design of

the support clamp ~~1-3-7-9-28-33-34~~ distributes this pressure over a large area of the workstation desk ~~18-2042~~ thereby minimizing the possibility of damage to the workstation desk ~~18-2042~~ during normal operation.

Please replace the paragraph [0028] with the following amended paragraph:

[0028] The support clamp ~~1-3-7-9-28-33-34~~, pad 15, and forearm rest 14 are interconnected by a support structure [Fig. 4(b)] consisting of three sturdy shaftarms comprising the pad support shaftarm 11, the central support shaftarm 21, and the forearm support shaftarm 10, which are interconnected at the pivot points by the clamp swivel joint ~~9-12-1338~~, the central swivel joint 39 comprising elements 22 27 26, and the forearm swivel joint 40 comprising elements 24 25 23 respectively. The freedom of rotation provided by the support structure 41, comprised of three sturdy shaftarms 11 21 31-10, and the swivel joints ~~9-12-1338, 22-27-2639, 24-25-2340~~ allows the design to be adjusted to comfortable operating positions for the operation of the pad 15 or mouse 6, the keyboard 5, other hand-operated devices (not shown), or for the simultaneous operation of the pad 15 or mouse 6, and keyboard 5 or other hand-operated devices (not shown). The freedom of rotation also facilitates easy storage of the Mouse-at-Ease underneath the workstation desk ~~18-2042~~ when not in use.

Please replace the paragraph [0029] with the following amended paragraph:

[0029] ~~Three sturdy shaftarms 11 21 10 make up the support structure of the design.~~ The vertical offsets between the the support structure 41 shafts, and the lengths of the shaftarms have been carefully planned to provide the high operative flexibility. The forearm support shaftarm 10 supporting the forearm rest 20 and the pad support shaftarm 11 supporting the pad 15 are allowed full 360 degree rotation around the forearm swivel joint ~~24-25-2340~~ and the clamp swivel joint ~~9-12-1338~~ respectively. The central support shaftarm 21 can rotate 180 degrees around the central swivel joint ~~22-27-2639~~. The freedom of rotation of the shaftarms allows the user to operate the design in virtually any operating position desired ensuring comfortable operation of the computer mouse, keyboard and other devices [Fig. 1,3].

Please replace the paragraph [0030] with the following amended paragraph:

[0030] The 180 degree rotation of the central shaftarm 21 around the central swivel joint - ~~22-27-2639~~ determines the proximity of the forearm from the desk ~~18-2042~~ [Fig. 1,3]. The user can easily transition to activities which require closer proximity to the workstation desk ~~18-2042~~ (such as typing) without removing the forearm from the

forearm rest 14, thereby retaining the advantages of the forearm rest 14 during these activities.

Please replace the paragraph [0031] with the following amended paragraph:

[0031] The support structure is designed such that the top of the forearm rest 14 is lower than the bottom surface 19 of the workstation desk ~~18-2042~~ [Fig. 4(a)]. The lower position of the forearm rest 14 combined with the freedom of rotation of the support ~~shafts-structure 11-21-1041~~, allows the design to be conveniently stored under the workstation desk ~~18-2042~~ while still attached to the workstation desk ~~18-2042~~ when not in use. Because the design is mounted beside the user during normal operation, when it is stored under the workstation desk ~~18-2042~~, it does not interfere with the user's knees under the workstation desk ~~18-2042~~. This feature, combined with the low-profile design of the upper portion of the support clamp 1, makes the storage of the design completely unburdening to the user when performing other activities which do not require the design at or in proximity to the workstation desk ~~18-2042~~.

Please replace the paragraph [0032] with the following amended paragraph:

[0032] The vertical offset between the pad support ~~shaftarm~~ 11, the central support ~~shaftarm~~ 21, and the forearm support ~~shaftarm~~ 10 [Fig 4(b)], determine the elevation of the forearm rest 14 from the pad 15. The carefully chosen offset allows the mouse 6 to be operated with the forearm resting and the wrist in line with the forearm, helping to avoid the painful problems associated with hyperextension and hyper flexion.

Please replace the paragraph [0033] with the following amended paragraph:

[0033] Computer users commonly suffer from eye strain, which is aggravated by the user's proximity to the computer monitor. Working too close to the computer monitor can not only be tiring, but with some computer monitors, it can also be unsafe. When fully extended [Fig. 4(b)] to the full length of the ~~three support shafts~~support structure 11-21-1041, in one implementation, among others, the Mouse-at-Ease will stretch about twenty inches from the vertical inner surface 4 [Fig. 4b] of the main clamp element 1. This extension capability allows the user to work effectively and comfortably for long periods of time at the workstation, at a more comfortable and safer distance from the computer monitor.

Please replace the paragraph [0034] with the following amended paragraph:

[0034] The forearm support ~~shaftarm~~ 10 may be welded to the forearm alignment post 24. The central support ~~shaftarm~~ 21 may be welded to the central alignment post 22 [Fig. 5(b)].

Please replace the paragraph [0035] with the following amended paragraph:

[0035] The pad support ~~shaftarm~~ 11 may be attached to the support clamp ~~1-3-7-9-28-33-34~~ by attaching one end of the pad support ~~shaftarm~~ 11 to the support clamp ~~1-3-7-9-28-33-34~~ as described above [Fig. 5(a)]. The opposite end of the pad support ~~shaftarm~~ 11 may be attached to one end of the central support ~~shaftarm~~ 21 [Fig. 5(b)] by sliding the central alignment post 22 through the cylindrical spacer 27 and through the vertical circular hole in the pad support ~~shaftarm~~ 11, and pressing the clamping washer 26 to the bottom end of the central alignment post 22. The opposite end of the central support ~~shaftarm~~ 21 may be attached to one end of the forearm support ~~shaftarm~~ 10 [Fig. 5(b)] by sliding the forearm alignment post 24 through the cylindrical spacer 25 and through the vertical circular hole in the central support ~~shaftarm~~ 21, and pressing the clamping washer 23 to the bottom end of the forearm alignment post 24.

Please replace the paragraph [0036] with the following amended paragraph:

[0036] The design preferably should be able to withstand significant downward force exerted at the furthest edge of the forearm rest 14, which creates maximum torque on the design when fully extended. When fully extended, the support shafts-structure 11-21-1041 and support clamp ~~1-3-7-9-28-33-34~~ of the design are designed to support significant force exerted at the furthest point on the forearm rest 14 [Fig. 4(b)].

Please replace the paragraph [0037] with the following amended paragraph:

[0037] The support structure [Fig. 4(b)] is designed to provide free rotation around the swivel joints ~~9-12-1338, 22-27-2639, 24-25-2340~~ even at the specified maximum downward force, thereby enabling effortless movement and adjustment over its full range under all specified operating conditions.

Please replace the paragraph [0038] with the following amended paragraph:

[0038] The pad 15 may be attached to the top surface of the pad support ~~shaftarm~~ 11, between the support clamp ~~1-3-7-9-28-33-34~~ and the central support ~~shaftarm~~ 21 [Fig. 4(b)]. The pad 15 may be designed of plastic or other sturdy, but flexible material.

Please replace the paragraph [0039] with the following amended paragraph:

[0039] The pad 15 was carefully selected to be large enough to accommodate a wide range of mouse placement or other devices. In combination with the forearm rest 14 and the support structure ~~11-21-1041~~, the pad 15 is designed to permit the operation of the mouse with just the lateral rotation of the wrist. By adjusting the rotation angle of the pad 15, the forearm rest 14 and the central support ~~shaftarm~~ 21 [Fig 1,3]., the user can choose the most comfortable position of the forearm rest 14 with respect to the pad 15, and operate the mouse effectively and comfortably over its full range of motion with effortless rotation of the wrist. The top surface of the pad 15, may be made of a textured material to enable the use of a typical computer mouse.

Please replace the paragraph [0040] with the following amended paragraph:

[0040] The forearm rest 14 may consist of a wide portion and a narrow portion. The forearm rest 14 may be fastened to the top surface of the forearm support ~~shaftarm~~ 10 such that the wider portion of the forearm rest 14 is furthest from the central swivel joint ~~22-27-2639~~ when the design is fully extended. The forearm rest 14 may be designed of plastic or other sturdy, but flexible material.

Please replace the paragraph [0042] with the following amended paragraph:

[0042] The wide base and resting surface of the forearm rest 14 [Fig. 9] allow the user to freely choose where to place the forearm during use. It is very important for the user to be able to choose the most comfortable position(s) [Fig. 1,3] that enable use of the mouse 6, the keyboard 5, or other hand-operated computer peripherals (not shown.) Some activities at the workstation will require the user to smoothly transition to and from the forearm rest 14. The design of the forearm rest 14, combined with the flexibility provided by the support structure ~~11-21-1041~~ and swivel joints ~~9-12-1338, 22-27-2639, 24-25-2340~~ to optimize its relative position and angle with respect to the workstation desk ~~18-2042~~, makes it easy for the user to comfortably transition to and from the forearm rest 14 during operation of the mouse 6, keyboard 5 and other devices (not shown.) The top surface of the forearm rest [Fig. 4(b)] may be made of a soft or padded material to provide comfort to the user's forearm during operation.